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Conference Abstract

Deep Relations in Nordic and Baltic Biodiversity e-Infrastructures (DeepDive)

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Abstract

The vision of the DeepDive program (https://neic.no/deepdive) is to establish a regional infrastructure network consisting of Nordic and Baltic data centers and information systems and to provide seamlessly operating regional data services, tools, and virtual laboratories. The program is funded by the Nordic e-Infrastructure Collaboration (https://neic.no) and was launched in 2017. Here we present some of the results and outcomes from the technical collaborations in the network. We will show examples of integration of biodiversity data services and portals though common Application Programming Interfaces (APIs) and Graphical User Interfaces (GUIs), describe our program to foster a biodiversity informatics community in the region, and explain advances in system interoperability that have been achieved over the past three years. We will also highlight the technical plans for further development and long-term sustainability of our Nordic and Baltic e-infrastructure network and make suggestions for further linkage to international information systems and ESFRI infrastructures.

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